

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	1899	(433/27,126,146,77,78,79,82,84,98,99,100).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/20 16:36
S1	1763	(433/27,126,146,77,78,79,82,84,98,99,100).CCLS.	USPAT; USOCR	OR	OFF	2008/08/20 16:36
S4	1	("1714412").URPN.	USPAT	ADJ	ON	2008/08/20 17:32
S3	1	("1714412").URPN.	USPAT	ADJ	ON	2008/08/20 17:32
S5	612	S2 and spring	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/20 17:58
S15	11583	(guide pin) same spring same (coupl\$3 or connect\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 11:24
S14	20297	(guide pin) same spring	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 11:24
S13	34535	(guide pin) and spring	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 11:24
S16	512	(guide pin) same spring same (coupl\$3 or connect\$3) same conical	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 11:25
S17	41	(guide pin) same spring same (coupl\$3 or connect\$3) same (medic\$3 or dental)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 11:26
S18	11583	(guide pin) same spring same (coupl\$3 or connect\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 12:23
S19	403	(guide pin) same spring same (coupl\$3 or connect\$3) and (air and water and (electric\$4 or power))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 12:24
S20	168	"285".clas. and (guide pin) and spring	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 12:29
S21	50	("0949608" "1481392" "1793015" "2333423" "2482292" "3124374" "3214195" "3300235" "3425717" "3527480" "3559574" "3721359" "4408521" "4615546" "4691942").PN. OR ("5316347").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 12:52
S24	132	285/82,305,318.ccls. and spring and guide	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 13:08

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S23	597	285/82,305,318.ccls. and spring	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 13:08
S22	1571	285/82,305,318.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 13:08
S27	16	("3469863" "3530513" "3640552" "3771226" "3960393" "4076279" "4445859" "4464113" "4648839" "4887850" "4938509").PN. OR ("5342097").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 15:57
S26	5	"5342097"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 15:57
S25	12	"534097"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 15:57
S28	167	285/25.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 15:59
S29	635	285/27.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 16:04
S30	105	285/28.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 16:05
S31	33	285/148.21.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 16:40
S32	1244	285/189.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 16:42
S33	1010	285/315,316.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 18:21
S34	32	("2565572" "2673750" "2689138" "2736578" "2935338" "3140072" "3280526" "3422390" "3817560").PN. OR ("4139222").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 19:07
S37	176	S36 and spring	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 19:30
S36	947	285/124.1-124.5.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 19:30
S35	7	285/315,316.ccls. and 285/124.1-124.5.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 19:30

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S38	11	("3889986").PN. OR ("4113287").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 09:37
S39	22	("3229656" "4302034" "4611831" "5333691").PN. OR ("5417459").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 09:41
S40	37657	conduit with spring	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 09:49
S42	21	(guide pin) near4 spring near4 (cable or hose or conduit or tube)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 09:50
S41	3690	(guide pin) near4 spring	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 09:50
S43	50	285/124.1-124.5.ccls. and guide and spring	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 10:07
S44	27	("2626974" "3469863" "3538940").PN. OR ("4116476").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 10:10
S45	39	("1292367" "2538259" "2930633" "3125359" "3279827" "4116476").PN. OR ("4753268").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 10:18
S47	50	285/124.1-124.5.ccls. and spring and guide	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 11:45
S46	947	285/124.1-124.5.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 11:45
S49	50	("0949608" "1481392" "1793015" "2333423" "2482292" "3124374" "3214195" "3300235" "3425717" "3527480" "3559574" "3721359" "4408521" "4615546" "4691942").PN. OR ("5316347").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 12:31
S48	1	("5316347").PN.	USPAT; USOCR	OR	OFF	2008/08/25 12:31
S50	26	"3324553"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 13:35
S51	88957	air same water same electric\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 13:54
S52	8426	S51 and guid\$4 and spring	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 13:55
S54	1987	S51 and guid\$4 and spring and coupling	USPAT; USOCR	ADJ	ON	2008/08/25 13:56

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S55	17	("0623469" "1039420" "3092908" "4183140" "4276025" "4303393" "5052924" "5251025" "5484283" "5575647" "5908294").PN. OR ("6638068").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 14:04
S56	16	("3518766" "3809977" "4169984" "4315742" "4838853" "5342380" "5451161" "5702360" "5879363" "5980510" "5998908" "6065966" "6176703" "6190167" "6278218").PN. OR ("6616450").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 14:06
S57	164	("0591160" "2846874" "2874470" "2917691" "3176167" "3368280" "3375583" "3427480" "3432691" "3447051" "3488788" "3518766" "3539888" "3544866" "3586936" "3689781" "3703037").PN. OR ("3809977").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 14:08
S59	48	S51 and guid\$4 and spring and coupling and "433".das.	USPAT; USOCR	ADJ	ON	2008/08/25 14:21
S60	10	S51 and guid\$4 and spring and coupling and "606".das.	USPAT; USOCR	ADJ	ON	2008/08/25 14:26
S61	16	"5039304"	USPAT; USOCR	ADJ	ON	2008/08/25 14:28
S62	19	("2701147" "3955284" "4330279" "4403959").PN. OR ("5039304").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 14:29
S63	7	("4303392" "4470812" "5039304" "5476379" "5749726").PN. OR ("6270344").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 14:30
S64	635	285/27.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 14:35
S65	105	285/28.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 14:36
S66	152	285/120.1.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 14:39
S67	36593	(fluid with electrical) same connect\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 14:41
S68	844	(fluid with electrical) same connect\$3 same guid\$4 same spring	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 14:42
S69	1093	285/921.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 14:44
S70	25	("2510125").URPN.	USPAT	ADJ	ON	2008/08/25 14:48

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S71	41	("2409650" "2510125" "2621875" "3038472" "3235834").PN. OR ("3673541").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 14:49
S72	78292	(connect\$3) same (water and air and electric\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/28 14:41
S75	442	(connect\$3) same (water with air with electric\$4) same spring same (guid\$4 or position\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/28 14:43
S74	583	(connect\$3) same (water with air with electric\$4) same spring	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/28 14:43
S73	5588	(connect\$3) same (water with air with electric\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/28 14:43
S76	3	("2720702").URPN.	USPAT	ADJ	ON	2008/08/28 14:52
S77	15	("2761111").URPN.	USPAT	ADJ	ON	2008/08/28 14:54
S78	20	("3254646").URPN.	USPAT	ADJ	ON	2008/08/28 15:09
S80	17	("2552543" "3110537" "3112767" "3678439" "3682506" "3817560" "4366945" "4403959" "4477253" "4515564" "5143347" "5240023" "5569256" "6412828").PN. OR ("7316424").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/28 15:20
S79	1	(10/735317).APP.	USPAT; USOCR	ADJ	ON	2008/08/28 15:20
S82	4	("3110537").URPN.	USPAT	ADJ	ON	2008/08/28 15:35
S83	8	"2224057"	USPAT	ADJ	ON	2008/08/28 15:39
S84	6	"2492449"	USPAT	ADJ	ON	2008/08/28 15:41
S86	4	"2542536"	USPAT	ADJ	ON	2008/08/28 15:42
S85	4	("2492449").URPN.	USPAT	ADJ	ON	2008/08/28 15:42
S87	2	("2542536").URPN.	USPAT	ADJ	ON	2008/08/28 15:46
S88	15	("0290844" "0646742" "1885227" "2103758" "2542536" "2966539" "5092774" "6053539" "6227866").PN. OR ("6383000").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/28 15:47
S89	18	"2631185"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/28 15:49
S90	7	("3082394").URPN.	USPAT	ADJ	ON	2008/08/28 15:58
S93	2	(electric\$3 with water with (top or above) with coupl\$3 with leak\$3)	USPAT	ADJ	ON	2008/08/28 16:39
S92	169	(electric\$3 with water with (top or above) with coupl\$3)	USPAT	ADJ	ON	2008/08/28 16:39
S91	5806	(electric\$3 with water with (top or above))	USPAT	ADJ	ON	2008/08/28 16:39

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S96	22	(electric\$3 with water with (top or above) with connect\$3 with leak\$5)	USPAT	ADJ	ON	2008/08/28 16:40
S95	119	(electric\$3 with water with (top or above) with leak\$5)	USPAT	ADJ	ON	2008/08/28 16:40
S94	2	(electric\$3 with water with (top or above) with coupl\$3 with leak\$5)	USPAT	ADJ	ON	2008/08/28 16:40
S99	152	"433".clas. and (water with air with electric\$4)	USPAT	ADJ	ON	2008/08/28 16:50
S98	813	"433".clas. and (water and air and electric\$4)	USPAT	ADJ	ON	2008/08/28 16:50
S10 0	2047	electrical and fluid coupling	USPAT	ADJ	ON	2008/08/28 18:07
S10 1	334	(electrical near2 fluid) with coupling	USPAT	ADJ	ON	2008/08/28 18:27
S10 2	0	"20080085620"	USPAT	ADJ	ON	2008/08/28 18:33
S10 4	2	"20080085620"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/28 18:34
S10 3	0	"electrical connector having a fluid coupling"	USPAT	ADJ	ON	2008/08/28 18:34
S10 5	9927	(electric\$3 same fluid) same (coupl\$3 or connect\$3) same spring same pin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/28 18:35
S10 7	23	S106 and guide	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/29 11:52

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S10 6	80	(US-20050095557-\$ or US-20010036616-\$ or US-20040166464-\$ or US-20040063065-\$ or US-20030073055-\$).did. or (US-0660411-\$ or US-1665156-\$ or US-1714412-\$ or US-2701147-\$ or US-2865101-\$ or US-2876015-\$ or US-2884695-\$ or US-3076904-\$ or US-3429516-\$ or US-3521359-\$ or US-3918161-\$ or US-3959883-\$ or US-3961640-\$ or US-4080737-\$ or US-4117597-\$ or US-6290498-\$ or US-6206694-\$ or US-6012922-\$ or US-5944520-\$ or US-5669769-\$ or US-5556279-\$ or US-5554026-\$ or US-5476379-\$ or US-5145370-\$ or US-5088924-\$ or US-5040979-\$).did. or (US-5055044-\$ or US-4669982-\$ or US-4614498-\$ or US-4600384-\$ or US-4553938-\$ or US-4534734-\$ or US-4521189-\$ or US-4518355-\$ or US-4403959-\$ or US-4341518-\$ or US-4182038-\$ or US-4097995-\$ or US-4051337-\$ or US-4889149-\$ or US-5316347-\$ or US-3966234-\$ or US-5181860-\$ or US-2705159-\$ or US-3186745-\$ or US-4026581-\$ or US-4139222-\$ or US-2935338-\$ or US-5417459-\$ or US-3469863-\$ or US-4753268-\$ or US-D572822-\$ or US-6616450-\$).did. or (US-3809977-\$ or US-6783379-\$ or US-4629425-\$ or US-5791932-\$ or US-4895529-\$ or US-4804329-\$ or US-3110537-\$ or US-5501596-\$ or US-2492449-\$ or US-2542536-\$ or US-3629786-\$ or US-4026243-\$).did. or (US-1665156-\$ or US-3032878-\$ or US-3213537-\$ or US-3429516-\$ or US-1982678-\$ or US-2510125-\$ or US-2720702-\$ or US-3254646-\$ or US-3506002-\$ or US-3082394-\$).did.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/29 11:52
S10 9	8351	guide slot and coupling	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/29 11:56
S10 8	37545	guide slot	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/29 11:56
S11 0	755	guide slot and coupling and guide pin and hole	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/29 11:57
S11 2	365	(guide slot) same coupling same hole	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/29 11:58

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S11 1	2276	(guide slot) same coupling	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/29 11:58
S11 4	139	285/124.1-124.5.ccls. and guide	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/29 12:09
S11 3	947	285/124.1-124.5.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/29 12:09
S11 5	3	285/124.1-124.5.ccls. and (guide slot)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/29 12:10
S11 6	28	("1250944" "2876795" "3282612" "3407834" "3469863" "3480036" "3516691" "3548849").PN. OR ("3677577").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/29 12:12
S11 7	18	("3407834").URPN.	USPAT	ADJ	ON	2008/08/29 12:13
S11 8	159	"285".clas. and (guide slot)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/29 12:14
S12 0	1021	"439".clas. and (guide slot)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/29 12:17
S11 9	13	"3082394"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/29 12:17
S12 1	8	"439".clas. and (guide slot) and (guide pin) and (guide hole)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/29 12:18
S12 2	399	(translat\$4 with pin) same (connect\$4) same (spring) same (flange)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/10/05 14:19
S12 3	14	("4091255" "4304452" "4420199" "4793053").PN. OR ("5002500").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/05 14:23
S12 4	1	("5342097").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/05 14:27
S12 5	16	("3469863" "3530513" "3640552" "3771226" "3960393" "4076279" "4445859" "4464113" "4648839" "4887850" "4938509").PN. OR ("5342097").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/05 14:28
S12 6	20	"4139222"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/05 14:29

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S12 7	33	("2565572" "2673750" "2689138" "2736578" "2935338" "3140072" "3280526" "3422390" "3817560").PN. OR ("4139222").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/05 14:30
S12 8	1024	285/315,316.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/05 14:36
S13 0	121	285/124.1-124.5,315,316.ccls. and key	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/05 14:46
S12 9	1987	285/124.1-124.5,315,316.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/05 14:46
S13 1	330	"285".clas. and key with slot and spring	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/05 14:50
S13 3	538	(connect\$4 or coupl\$4) same (pin with (displac\$5 or translat\$5)) same spring same (key with slot)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/05 15:03
S13 2	21348	(connect\$4 or coupl\$4) same (pin with (displac\$5 or translat\$5)) same spring	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/05 15:03
L9	10	("2178931" "3879097" "5658159" "5967816" "6511335").PN. OR ("6783379").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 20:30
L10	27	("0420810" "2193199" "3271726" "3491899" "3532228" "3591017" "3773186" "3802578" "4913657").PN. OR ("5658159").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/08 20:31

EAST Search History (Interference)

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